



AVOX Systems

4500 Series Parking Brake Valves



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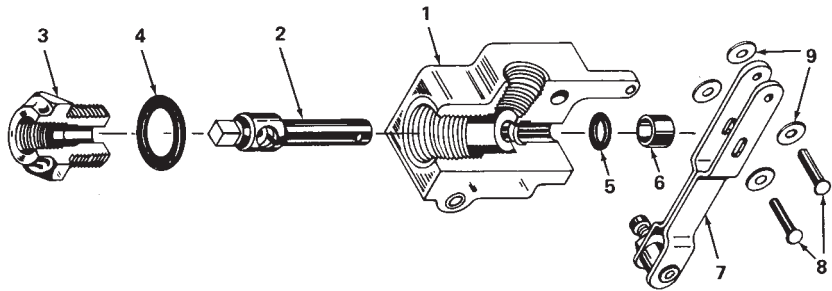
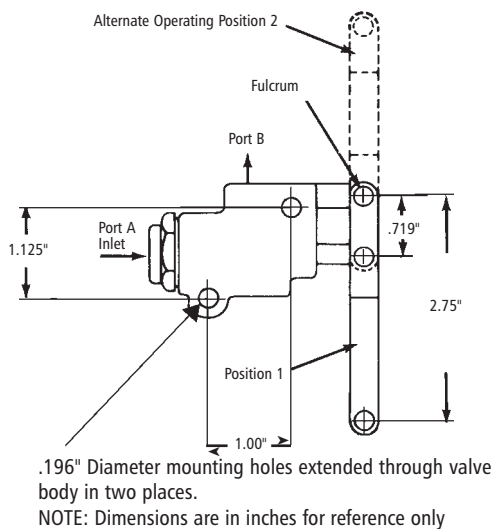
The AVOX Systems 4500 Series Parking Brake Valves are designed for trouble-free performance and low operating costs at a minimum weight. They are produced from extruded bar stock for extra strength and uniformity, and are precision-machined to close tolerances. Installation is quick and easy.

Applications include parking brake systems, helicopter rotor systems, other hydraulic uses and pneumatic pressure controls.



Outstanding Features

- Low-cost operation
- Lightweight
- Trouble-free performance
- Quick, easy installation



Specifications

Model	#4500-Series
Weight:	.33 lbs.
Maximum Working Pressure:	1500 PSI
	Molded rubber valve seat designed for use with hydraulic fluids per Specification MIL-H-5606
Material:	Aluminum body with brass inlet port

Parts List

No.	Part No.	Used On	Name	No. Req'd
1	4501-02	4500 4500-A1 4500-A2 4500S	Body	1
1	4501-00	4500S-A1 4500S-A2	Body	1
2	4504-00 4505-00 4506-01 4507-00 13351-00		Stem Assembly Stem Valve Head Spring Spring Pin	1
			Included in Stem Assembly Part No. 4504-00	
3	4511-02	4500 4500-A1 4500-A2 4500S	Seat — valve	1
3	4511-00	4500S-A1 4500S-A2	Seat — valve	1
4	AN6227B-11 (33535-011)		O-Ring 3/4" (19 mm) O.D. x 9/16" (14 mm) I.D.	1
5	AN6227B-5 (33535-005)		O-Ring 3/8" (10 mm) O.D. x 1/4" (6 mm) I.D.	1
6	4503-00		Spacer (used with arm pos. 1)	1
6	4503-01		Spacer (used with arm pos. 2)	1
7	4208-00		Arm Assembly	1
8	18286-00		Rivet 3/32" (2 mm) x 5/8" (16 mm) R.H. Steel	2
9	4222-00		Washer — Burr, Steel	4

Available Models

Model No.	Port A	Port B	Arm Position
4500	1/8 ANPT	1/8 ANPT	No Arm
4500-A1	1/8 ANPT	1/8 ANPT	1
4500-A2	1/8 ANPT	1/8 ANPT	2
4500S	7/16-20 NF	7/16-20 NF	No Arm
4500S-A1	7/16-20 NF	7/16-20 NF	1
4500S-A2	7/16-20 NF	7/16-20 NF	2